Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 003924.P005	Application Number: 10/016,221
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				U.S. PATENT DOCUMENTS	Technol	ogy Center 280
Exam. Initial*	Cite No.¹	U.S. Patent Number	Document Kind Code ² (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
R.P.		4,048,452		Oehring et al.	9/13/77	
1		4,109,113		Allison, Jr. et al.	8/22/78	
		4,313,035		Jordan et al.	1/26/82	
		4,313,036		Jabara et al.	1/26/82	
		4,400,587		Taylor et al.	8/23/83	
		4,451,705		Burke et al.	5/29/84	
		4,510,351		Costello et al.	4/9/85	
		4,737,983		Frauenthal et al.	4/12/88	
		4,757,267		Riskin	7/12/88	
		4,788,715		Lee	11/29/88	
		4,847,890		Solomon et al.	7/11/89	
		4,878,239		Solomon et al.	10/31/89	
V		4,893,301		Andrews et al.	1/9/90	

				FORE	IGN PATENT DOCUMENTS			
Exam. Initial*	Cite No. ¹	Fo Office ³	oreign Patent Number ⁴	Document Kind Code ⁵ (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner	Date Considered
Signature	7/2/21

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Initial*	No.¹	Number	Kind Code ² (If known)	of Cited Document	of Cited Document MM-DD-YYYY	Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	,	4,924,491		Compton et al.	5/8/90	
		4,953,204		Cuschleg, Jr. et al.	8/28/90	
		4,975,945		Carbullido	12/4/90	
		5,020,095		Morganstein et al.	5/28/91	
		5,073,890		Danielsen	12/17/91	
		5,164,983		Brown et al.	11/17/92	
		5,168,515		Gechter et al.	12/1/92	
		5,181,236		LaVallee et al.	1/19/93	
		5,185,782		Srinivasan	2/9/93	
		5,206,903		Kohler et al.	4/27/93	
		5,271,058		Andrews et al.	12/14/93	
		5,278,898		Cambray et al.	1/11/94	
		5.291.550		Levy et al.	3/1/94	

				FORE	EIGN PATENT DOCUMENTS			
Exam. Initial*	Cite No.¹	Office ³	oreign Patent Number ⁴	Document Kind Code ^s (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Kerigan et al.

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Examiner	Date Considered	
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5,291,552

^{&#}x27;Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Exam. Initial*	Cite No.'	U.S. Patent Number	Document Kind Code ² (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
,		5,299,259		Otto	3/29/94		
		5,311,574		Livanos	5/10/94		
		5,329,583		Jurgensen et al.	7/12/94		
		5,335,268		Kelly, Jr. et al.	8/2/94		
		5,384,841		Adams et al.	1/24/95		
		5,392,345		Otto	2/21/95		
		5,459,780		Sand	10/17/95		
		5,467,391		Donaghue, Jr. et al.	11/14/95		
		5,506,898		Costantini et al.	4/9/96		
		5,519,773		Dumas et al.	5/21/96		
		5,524,147		Bean	6/4/96		
		5,528,678		Kaplan	6/18/96		
		5,633,924		Kaish et al.	5/27/97		
		5,721,770		Kohler	2/24/98		
		5,881,145		Giuhat et al.	3/9/99		

				FORE	EIGN PATENT DOCUMENTS			
Exam. Initial*	Cite No.'	Office ³	reign Patent Number ⁴	Document Kind Code ⁵ (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T^{6}

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

Complete if Known					
Application Number	10/016,221				
Filing Date	October 30, 2001				
First Named Inventor	Mukesh Sundaram				
Art Unit	2681				
Examiner Name	Not yet assigned				
Attorney Docket Number	3924P005				

			U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Cite No.¹	Document Number Number - Kind Code ² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
3 .P.	\$	US-5,884,032	03-16-1999	Bateman, et al.	
R.P.	•	US-5,809,128	09-15-1998	McMullin	
		US-			
		US-			RECEIVED
		US-			NECLIVED
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		FOF	REIGN PATEN	IT DOCUMENTS		
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,	
	No.1	Country Code³ - Number¹ - Kind Code³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
R.P.		WO-96/29831	09-26-1996	Highwaymaster Communications, Inc.		
1		WO-98/37665	08-27-1998	Fonefriend Systems, Inc.		
		WO-00/41416	07-13-2000	International Business Machines Corporation		
	•	WO-01/43410 A1	06-14-2001	Genesys Telecommunications Laboratories, Inc.		
	′	WO-95/26113	09-28-1995	Mobile Telecommunications Technologies		<u></u>
4		WO-99/66699	12-23-1999	Callnet Communications, Inc.		<u> </u>
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STATEMENT BY APPLICANT			First Named Inventor	Mukesh Sundaram	
			Art Unit	2681	
			Examiner Name	Not yet assigned	
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OTHER ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
	7	PCT Search Report, PCT/US01/48483, 30 December 2002, 7 pages.			
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